

PHARMACEUTICAL HYDROGEL FORMULATIONS,  
AND ASSOCIATED DRUG DELIVERY DEVICES AND METHODS

ABSTRACT OF THE DISCLOSURE

Pharmaceutical hydrogel formulations containing polyvinyl alcohol are provided. The formulations may serve as drug reservoirs in electrotransport drug delivery systems or passive transdermal systems, or they may be used in a variety of other types of dosage forms, e.g., capsules, suppositories, aerosols, and the like. With these formulations, there is virtually no syneresis encountered upon long term storage, an advantage that derives from selecting the quantity of polyvinyl alcohol in the gel to correspond to the polymer's degree of hydrolysis.